

12-28-01

A

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

10/02/2001
S-PTO

Attorney Docket No. 22.1414

First Inventor James S. Almaguer

Title Downhole Magnetic Field-Based Feature Detector

Express Mail Label No. EV 037 145 887 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 20]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
 or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 4]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
- c. Statements verifying identity of above copies

JC955 U.S. PRO
10/02/2001
12/20/01**ACCOMPANYING APPLICATION PARTS**

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____

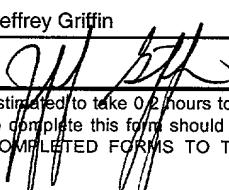
Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <small>(Insert Customer No. or Attach bar code label here.)</small>	<input checked="" type="checkbox"/> Correspondence address below			
Name	Schlumberger Technology Corporation			
Address	14910 Airline Road			
	P.O. Box 1590			
City	Rosharon	State	Texas	Zip Code
Country	USA	Telephone	281/285-5720	Fax

Name (Print/Type)	Jeffrey Griffin	Registration No. (Attorney/Agent)	36,534
Signature			Date 12/20/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

Examiner:

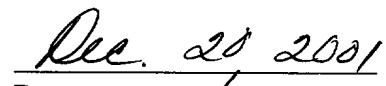
For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Cherita Persons-Grimstead


Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590
Telephone: (281) 285-5104

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 2316.00)

Complete if Known

Application Number	
Filing Date	December 20, 2001
First Named Inventor	James S. Almaquer
Examiner Name	
Group Art Unit	
Attorney Docket No.	22.1414

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	50-0457
Deposit Account Name	Schlumberger Technology Corporation

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	740.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES

Total Claims	54	-20** =	34	x	18	=	612.00	Extra Claims	Fee from below	Fee Paid
Independent Claims	14	- 3** =	11	x	84.00	=	924.00			
Multiple Dependent										

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1536.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for ex parte reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	390	216	195			Extension for reply within second month	
117	890	217	445			Extension for reply within third month	
118	1,390	218	695			Extension for reply within fourth month	
128	1,890	228	945			Extension for reply within fifth month	
119	310	219	155			Notice of Appeal	
120	310	220	155			Filing a brief in support of an appeal	
121	270	221	135			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,240	241	620			Petition to revive - unintentional	
142	1,240	242	620			Utility issue fee (or reissue)	
143	440	243	220			Design issue fee	
144	600	244	300			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Processing fee under 37 CFR 1.17(q)	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355			For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	
Other fee (specify) _____							

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type)	Jeffrey E. Griffin	Registration No. (Attorney/Agent)	36,534	Telephone	(281) 285-5720
Signature				Date	12/20/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Schlumberger Technology Corporation**

Application No.: Docket No.: 22.1414

Entitled: Downhole Magnetic Field-Based Feature Detector

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

- A. [] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel: ___, Frame ___, or for which a copy thereof is attached.

OR

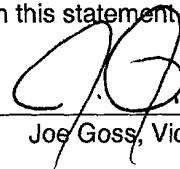
- B. [] A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ___, Frame ___, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ___, Frame ___, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ___, Frame ___, or for which a copy thereof is attached.

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 12.19.01

Signature: 

Joe Goss, Vice President

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that the Recordation Form Cover Sheet and Assignment are being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231.



Cherita Persons-Grimstead



Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590
Telephone: (281) 285-5104

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Power of Attorney is being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Cherita Persons-Grimstead
Cherita Persons-Grimstead

Cherita Persons-Grimstead

Dec. 20, 2001

Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
P.O. Box 1590
Rosharon, Texas 77583-1590
Telephone: (281) 285-5104

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

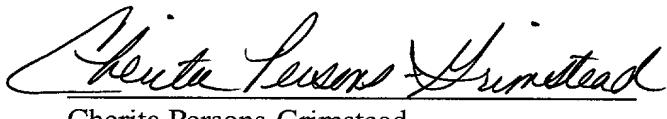
Examiner:

For: Downhole Magnetic-Field Based Feature Detector

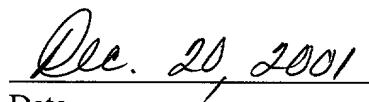
Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that these drawings are being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.



Cherita Persons-Grimstead



Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rossharon, Texas 77583-1590
Telephone: (281) 285-5104

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Statement Under 37 CFR 3.73(b) is being deposited with the United States Postal Service as Express Mail No. EV 037 714 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Cherita Persons-Grimstead
Cherita Persons-Grimstead

Dec. 20, 2001
Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rossharon, Texas 77583-1590
Telephone: (281) 285-5104

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALMAGUER, J.

Attorney Docket No.: 22.1414

Serial No.:

Art Unit:

Filed Herewith: December 20, 2001

Examiner:

For: Downhole Magnetic-Field Based Feature Detector

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that these specifications are being deposited with the United States Postal Service as Express Mail No. EV 037 145 887 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Cherita Persons-Grimstead Date

Cherita Persons-Grimstead
Schlumberger Technology Corporation
14910 Airline Road
Rossharon, Texas 77583-1590
Telephone: (281) 285-5104